SEQUENCE LISTING

#3

<110> Mirkin, Chad A.
    Letsinger, Robert L.
    Mucic, Robert C.
    Storhoff, James J.
    Elghanian, Robert
    Taton, Thomas A.

<120> NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
    AND USES THEREFOR

<130> 00-713-i21

<140> 09/976,618
<141> 2001-10-12

<150> 09/603,830
<151> 2000-06-26

<150> 09/344,667
<151> 1999-06-25

<150> 09/240,755
<151> 1999-01-29

<150> PCT/US97/12783
<151> 1997-07-21

<150> 60/031,809
<151> 1996-07-29

<150> 60/200,161
<151> 2000-04-26

<160> 64

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ccttgagatt tccctc                                                  16


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aacttgcgct aatggcga                                                18


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aagttgcgct ttacggctaa tggcga                                       26


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<210> 8
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gaaaagggaa ggaga   15

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<210> 10
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cctatcgacc atgct   15

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agcatggtcg ataggaaacg actctagcgc   30

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agcatggtcg ataggatggc aactatacgc   30

<210> 16
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gtcgatagga aacgactcta gcgc   24

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agcatggttg ataggaaacg actctagcgc   30

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<400> 28
taggacttac gc   12

<210> 29
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<210> 30
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<400> 30
tgcatgattg cctcgtctta acgg   24

<210> 31
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<400> 31
tacgagttga gaccgttaag acgaggcaat catgcatata ttggacgctt tacggacaac 60
atcctgaatg cg   72

<210> 32
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gttgtccgta aagcgtccaa tatatgcatg attgcctcgt cttaacgg   48

<210> 33
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<400> 33
tctcaactcg ta   12

<210> 34
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<400> 34
tacgagttga gaatcctgaa tgcg   24

<210> 35
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<400> 35
cgcattcagg at   12

<210> 36
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<400> 36
ggcggatgag tcagtagtta aggaggctca tagagaagta attaattcgt caacagaggg 60
attattgtta aatattgata aggatataag aaaaatatta tccagggtta tattgtagaa 120
attgaagata ctgaagggct t   141

<210> 37
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<400> 37
taacaataat ccctc   15

<210> 38
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<400> 38
atccttatca atatt   15

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<210> 39
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<400> 39
tgagcctcct taactactga ctcatccgcc                              30


<210> 40
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<400> 40
tgttgacgaa ttaattactt ctcta                                  25


<210> 41
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<400> 41
tataaccctg gataatattt ttcttat                                27


<210> 42
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aagcccttca gtatcttcaa tttctacaa                              29


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tctcaactcg taaaaaaaaa aa   22

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<400> 44
tacgagttga gaatcctgaa tgcg   24

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aaaaaaaaaa cgcattcagg at   22

<210> 46
<211> 22
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<210> 47
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<210> 48
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cgcattcagg at                                                       12


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<210> 52
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atcctgaatg cg   12

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atcctgaatg cg   12

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aaaaaaaaaa aaaaaaaaaa   20

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<400> 56
ggattattgt taattattga taaggat   27

<210> 57
<211> 12
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<400> 57
taacaatnat cc   12

<210> 58
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<400> 58
atccttatca atatt   15

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agagttgagc at   72

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